Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 17 Jun 2023 until 23:59 on Sunday 18 Jun 2023

Forecast Issued on Saturday 17 Jun 2023 at 04:15

Confidence: High for warm conditions and for the transition through the weekend to more unsettled weather with showers and thunderstorms. Lower confidence in exact details and timings of showers.

Headline for Saturday 17 Jun 2023: Mostly dry, often cloudy, with a small chance of showers.

Mountain weather hazards on Saturday 17 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Light rain showers (night)
Precipitation probability					
10%	20%	20%	20%	20%	40%

Forecast for Saturday 17 Jun 2023

Weather: Cloudy at times, but still bright or sunny spells will occur, especially this afternoon. As temperatures rise there is a chance of a few isolated daytime showers developing, with a slight possibly that one or two of these may turn locally heavy or thundery late afternoon, mainly in the west of the Peak District and towards Manchester. The chance of isolated showers continues overnight.

Chance of cloud-free hill tops above 600m: Greater than 90%.

Low cloud and visibility: Although a generally cloudy day, bases should remain comfortably above the summits throughout. Very good visibility expected, falling to moderate in the vicinity of any showers that may develop.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 17 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 SE	14/17 SE	11/16 SE	11/16 SE	10/15 SE	10/15 E	13/20 E
300	5/13 SE	10/14 SE	9/14 SE	10/14 SE	8/14 SE	8/15 E	9/16 E
Valley	7/13 E	7/12 SE	8/15 SE	8/14 SE	7/15 SE	7/15 E	8/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/13	15/12	16/14	18/15	18/15	16/14	14/11
300	16/16	17/16	19/16	20/18	20/19	18/17	16/14
Valley	17/16	19/17	20/18	22/20	21/20	18/17	17/15
Freezing Level*	2600m	2900m	2900m	2900m	2900m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Warm and humid conditions are expected, with elevated UV levels forecast. Conditions may deteriorate quickly around any showers that develop.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 17 Jun 2023	0mm	0mm	0mm

Forecast for Sunday 18 Jun 2023

Weather: There is a chance of showers arriving through the early hours, these lasting through the morning. Through the afternoon showers will break out in many areas, some developing into thunderstorms with a risk of hail and lightning. Later in the afternoon and through the evening showers may merge into areas of heavy rain, with a chance of thunder.

Maximum wind: East 15-20mph, stronger gusts of 30-40mph in a variable directing possible around heavy showers.

Chance of cloud-free hill tops above 600m: Greater than 90%, lowering to 70% during the afternoon and evening.

Low cloud and visibility: Cloud bases are expected to remain well above summits through Sunday. However, should heavy showers become slow-moving, there is a chance that patchy cloud may lower to obscure the highest summits, with bases around 600m. Very good visibility, lowering to moderate or poor in heavy or thundery showers.

Temperature: **Valleys:** Plus 13 Celsius, rising to Plus 22 Celsius.
At 600m: Plus 13 Celsius, rising to Plus 17 Celsius.
Freezing level: Well above summits.

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